

Additional Opisthobranch Mollusks from Oregon

BY

FRANCIS P. BELCIK

Biology Department, East Carolina University, Greenville, North Carolina 27834

INTRODUCTION

WHILE INVESTIGATING the parasites of marine mollusks and fish in Oregon, I had the opportunity to collect a large number of opisthobranchs (BELCIK, 1965, appendix). I was also able to look over some collections in the Oceanography Department at Oregon State University and was able to identify an unusual nudibranch, *Bathydoris* sp. Published literature on the opisthobranchs of Oregon is not abundant. One of the major articles is SPHON, 1972, which lists the earlier records from literature. An unpublished master's thesis by SOWELL, 1949, while at Oregon State University, lists 19 species of nudibranchs from the Coos Bay, Oregon region. Sowell's list includes the following with recent name changes: *Tritonia festiva* (Stearns, 1873), *Archidoris montereyensis* (Cooper, 1863), *Anisodoris nobilis* (MacFarland, 1905), *Aldisa sanguinea* (Cooper, 1862), *Cadlina luteomarginata* MacFarland, 1966, *C. pacifica* Bergh, 1879, *C. flavomaculata* MacFarland, 1905, *Rostanga pulchra* MacFarland, 1905, *Diaulula sandiegensis* (Cooper, 1863), *Discodoris heathi* MacFarland, 1905, *Triopha carpenteri* (Stearns, 1873), *Laila cockerelli* MacFarland, 1905, *Onchidoris bilamellata* (Linnaeus, 1761) (listed as *O. fusca*), *Dendronotus frondosus* (Ascanius, 1774), *Dirona albolineata* MacFarland, 1912, *Hermisenda crassicornis* (Eschscholtz, 1831), *Aeolidia papillosa* (Linnaeus, 1761), *Aplysiopsis smithi* (Marcus, 1961) (listed as *Hermisenda vanancouverensis*) and *Hermisenda* sp. (confused with *Coryphella* or *Antiopella* spp.).

COLLECTING LOCALITIES

Collections were made near Coos Bay (43°30'N; 124°10'W) Oregon at the three coves or bays of Cape Arago State Park, Coos County (North Cove, Middle Cove and South Cove). Other collections were made at the Small Boat Basin docks at Charleston; at South Slough at the Charleston Channel, and at Fossil Point near the town of Empire, all Coos County, Oregon. Beverly Beach State Park, Lincoln County, Oregon, was also a collection site. A

few specimens were collected also at Yaquina Bay and Boiler Bay Wayside, Lincoln County, Oregon, near Depoe Bay, Oregon.

NEW ADDITIONS TO THE SPECIES LIST

Bathydoris sp.

(Quite possibly a new species, with more branchial plumes [11 - 12] than *Bathydoris browni* [6]).

Dredged off Oregon coast in deep water, approximately 2800m. Specimens in the Oceanography Department, Oregon State University, include these Otter Trawl specimen numbers OTB-39-08, OTB-23-17, OTB-18-22, OTB-19-23, and OTB-38-24.

Cadlina luteomarginata MacFarland, 1966

Common at Coos Bay, Cape Arago State Park.

Archidoris odhneri (MacFarland, 1966)

The "albino" *Archidoris* is relatively common at Coves of Cape Arago State Park.

Anisodoris nobilis (MacFarland, 1905)

Common at Coves of Cape Arago State Park.

Discodoris heathi MacFarland, 1905

Uncommon at Middle Cove of Cape Arago State Park.

Onchidoris bilamellata (Linnaeus, 1761)

Common on docks at the Small Boat Basin, Charleston, Oregon.

Tritonia sp.

Uncommon whitish specimen dredged off Cape Arago State Park.

Tochuina tetraquetra (Pallas, 1788)

Uncommon, dredged off Cape Arago State Park in 54m of water.

Doto columbiana O'Donoghue, 1921

Uncommon on the hydroids *Tubularia* and *Aglaophenia* from Cape Arago State Park.

Dirona picta Cockerell & Eliot, 1905

Uncommon at the docks, Small Boat Basin, Charleston, Oregon.

Antiopella fusca (O'Donoghue, 1924)

Common at the Small Boat Basin and Coves of Cape Arago State Park.

Trinchesia sp.

Uncommon, on *Tubularia* at the Small Boat Basin, Charleston, Oregon.

Aeolidia papillosa (Linnaeus, 1761)

Common, among sea anemones at Fossil Point, Empire, Oregon.

Clione sp.

Plankton tow, Charleston channel near South Slough.

Aplysiopsis smithi (Marcus, 1961)

Uncommon in mudflat tide pools, South Slough, Charleston, Oregon.

Alderia modesta (Lovén, 1844)

Uncommon, collected in *Salicornia* marsh on *Vaucheria*, mudflats, Coos Bay, and Charleston, Oregon.

Pleurobranchus sp.

Rare or uncommon, collected at South and Middle Coves of Cape Arago State Park.

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